

ABSTRACT

Manufacturing company is a company that has the activity of processing raw materials into finished goods. PT Sugar Factory New Candi Sidoarjo is a company that has been producing sugar crystals with sugar cane material. As a manufacturing company PT Sugar Factory New Sidoarjo conduct sales transactions using the carbon. Problems that exist in PT Sugar Factory New Candi Sidoarjo, it will be built web application that aims to help problems in PT Sugar Factory New Candi Sidoarjo in handling the sale of sugar crystal and income statement. The functionality of the built web application consists of records and sales reports, load expenses consisting of salary expenses, electrical charges, telephone charges, water charges, generating financial statements such as general journals, ledgers, trial balance, sales reports, income statements . This final project entitled Crystal Crystals sales application and web-based income statement. The programming language that has been used in the development of this application using codeigniter and MySQL database. Functionality tested using Black Box Testing

Keywords: Web Based Application, Waterfall Model, Sugar Sales, Profit and Loss, Expenses